

# A Bibliography of *Matrix Analysis*, Second Edition

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## Abstract

This is a bibliography of publications in the second edition of the book *Matrix Analysis* (2012).

## Title word cross-reference

1 [ZF84].

2 [ZF86].

6 [Bar15].

978 [Bar15]. 978-0-521-54823-6 [Bar15].

= [HS96].

**Advanced** [OCV11, Rom92, Rom05, Rom08]. **Age** [Cri06]. **Algebra** [Axl96, Bap93, C<sup>+</sup>02, Chi79, Chi95, Chi09, FF63, Fad59, Gol04, Gre67, Gre78, HS74, HK61, HK71, Hog07, Hou72, Kap03, Kow63, Kow67, Kow69, Kow70, Kow79, KM95, KM98, KM03, Lan87, Lax07, Mar73, Mar75, Mir55, Mir61, Mir63, Mir82, Mir90, ND69, ND77, ND88, NDG89, OCV11, Rom92, Rom05, Rom08, Zha09, HS96, Kow63, Kow67, Kow69, Kow70, Kow79, KM95, KM98, KM03].

**Algebraic** [Wil65, Wil88]. **Algebras** [BD71]. **Analysis** [Bel70, Bha97, Con90, GL06, HJ85, HJ91, HJ12, Hou64, Hou75, Hou06, Kre78, Rud53, Rud64, Rud76, Tan07a, Tan07b, Tan07c, Tod62, Var00, HS96, And87, Bar15].

**Analytic** [Bau85, Don74, WM67]. **angewandte** [ZF84, ZF86].

**Anwendungen** [ZF84, ZF86, Zur61, Zur64]. **aplicada** [NDG89].

**Applications** [BR97, Bar90, BL88, Fan59, Fie86, Gan59a, Gan05, GLR06, Gra81, Gra69, Gra83, Kre78, LT85, Lax07, Lay82, Lay92, Lay07, MO79, MOA11, PR71a, PR71b, Sen73b, Sen73a, Ser02, Zha05, Zur61, Zur64].

**Applied** [ND69, ND77, ND88, ZF84, ZF86]. **Arthur** [Cri06]. **Assets** [C<sup>+</sup>02].

**Basic** [Zha11]. **Beginning** [Gol04]. **Book** [Hal67]. **Booko** [Hal82]. **Bounds** [Bha87].

**Calculus** [Gra81]. **Cambridge** [Bar15]. **Canonical**

[TA32, TA52, TA61, TA05]. **Cayley** [Cri06]. **Chains** [Sen81, Sen06].

**Challenging** [Zha09]. **Charles** [And87, Bar15]. **Circles** [Var04]. **Classes** [Fie75]. **Combinatorial** [BR91, Kón36]. **Commutative** [ST68].

**Complement** [Zha05]. **Complex** [Tan07a]. **complexes** [Kón36].

**Computation** [Hig08]. **Computational** [FF63, Fad59]. **Computations** [GV96, Ste73]. **Concrete** [Chi79, Chi95, Chi09]. **Continuation** [Don74].

**Contributions** [Mui30]. **Control** [Bar75, Bar83, BC85]. **Convex** [Fan59, Lay82, Lay92, Lay07, Val64, Val76]. **Course** [Con90, Kap03, Ort87].

**Darstellung** [Zur50, Zur58]. **Definite** [Bha07]. **Derivatives** [Rog80].

**Determinanten** [Ait69]. **Determinants**

[Ait39, Ait46, Ait48, Ait54, Ait56, Ait69, Ait83, Bow62a, Bow62b, Bro58, Mui23, Mui30, Mui60a, Mui60b, Tan07a, Tur50]. **Development** [Mui23, Mui60a]. **Differential** [Cou89, HS74, Tan07b, Tan07c]. **Dimensional** [GL06, Hal42, Hal58, Mar73, Mar75]. **Done** [Ax196]. **Dynamic** [BNS89]. **Dynamical** [HS74].

**edition** [Bar15]. **Eigenvalue** [Par80, Par98, Wil65, Wil88]. **Eigenvalues** [Bha87, Cha93]. **Elements** [BD71]. **endlichen** [Kön36, Kön50, Kön54]. **Engineers** [Bar79, Tan07a, Tan07b, Tan07c, ZF84, ZF86]. **Equations** [Cou89, HS74, Tan07b, Tan07c]. **etc** [Bar15].

**Facts** [Ber09]. **Finite** [GL06, Hal42, Hal58, Kön90, Mar73, Mar75, Kön36, Kön50, Kön54]. **Finite-Dimensional** [GL06, Hal42, Hal58]. **Form** [GL06, OCV11]. **Formulas** [Ber09]. **Foundations** [ZF84]. **Fourier** [Tan07c]. **Functional** [Con90, Kre78]. **Functions** [Boa60, Boa72, Boa81, Boa96, Don74, Hig08].

**Gems** [C<sup>+</sup>02]. **Generalized** [CM79, CM91, CM09, PR71a, PR71b]. **Geometry** [Kap03]. **German** [Kön36, Kön50, Kön54, Ait69, CH24, CH37, CH42, CH68a, CH68b, GK60, Kow63, Kow67, Kow69, Kow70, Kow79, KM95, KM98, KM03, Zur61, Zur64, ZF84, ZF86]. **Gersgorin** [Var04]. **Graduate** [Gol04]. **Graphen** [Kön36, Kön50, Kön54]. **Graphs** [Kön90, Kön36, Kön50, Kön54]. **Grundlagen** [ZF84].

**Handbook** [Hog07]. **Helmut** [HS96]. **Higher** [Chi79, Chi95, Chi09]. **Hilbert** [Hal67, Hal82]. **Historical** [Mui23, Mui60a]. **History** [Mui30]. **Horn** [And87, Bar15].

**ihre** [Zur61, Zur64, ZF84, ZF86]. **II** [BD73]. **Indefinite** [GLR83]. **Inequalities** [BB65, HLP34, HLP59, MM64, MM92, MO79, MOA11, Zha02]. **Infinite** [Kön90, Kön36, Kön50, Kön54]. **Ingenieure** [ZF84, ZF86, Zur50, Zur58]. **Integral** [New72]. **Introduction** [Bar75, BC85, Bel70, Bow62a, Bow62b, Bro58, Chi79, Chi95, Chi09, Fin60, Fin66, Fin78, Fin11, GK69, Gra69, Mir55, Mir61, Mir63, Mir82, Mir90, Sen73b, Sen73a, Sta69, Ste73, TA32, TA52, TA61, TA05]. **Introductory** [Kre78]. **Invariant** [GLR06]. **Invariants** [Tur50]. **Inverse** [PR71a, PR71b]. **Inverses** [CM79, CM91, CM09]. **ISBN** [Bar15]. **Iterative** [Var00].

**James** [Par06]. **Jewish** [Par06]. **Johnson** [Bar15, And87]. **Joseph** [Par06].

**kernels** [GK60]. **kleine** [GK60]. **Know** [Gol04]. **kombinatorische** [Kön36]. **Kronecker** [Gra81].

**Laplace** [Tan07b]. **Laureate** [Cri06]. **Least** [LH74, LH95]. **Lecture**

[WM67, Fan59]. **Lectures** [Hou72, Wed34, Wed64, Wed05]. **lineal** [NDG89]. **Linear** [Axl96, Bap93, Bar83, BS95, CM79, CM91, CM09, C<sup>+</sup>02, Cul66, Cul72, Cul90, FF63, Fad59, Fin60, Fin66, Fin78, Fin11, GL06, GK69, Gol04, HS74, HK61, HK71, Hog07, Kap03, Kat66, Kat76, Kat84, Kat95, Kow63, Kow67, Kow69, Kow70, Kow79, KM95, KM98, KM03, Lan87, Lax07, Mir55, Mir61, Mir63, Mir82, Mir90, ND69, ND77, ND88, OCV11, Rom92, Rom05, Rom08, Sta69, Zha09, HS96]. **Lineare** [Kow63, Kow67, Kow69, Kow70, Kow79, KM95, KM98, KM03].

**Majorization** [MO79, MOA11]. **Markov** [Sen81, Sen06]. **Mathematical** [Ano60, Bar75, BC85, BP79, BP94, CH24, CH37, CH42, CH53, CH68a, CH68b, CH89, Cou89, HS96, Rud53, Rud64, Rud76, Tan07a, Tan07b, Tan07c]. **Mathematician** [Cri06, Par06]. **Mathematicians** [ZF84, ZF86]. **Mathematics** [Ber09, C<sup>+</sup>02, Fie86, YG72, YG73, YG88a, YG88b]. **Mathematiker** [ZF84, ZF86]. **Mathematische** [HS96]. **mathematischen** [CH24, CH37, CH42, CH68a, CH68b]. **Matrices** [Ait39, Ait46, Ait48, Ait54, Ait56, Ait69, Ait83, BR97, Bar90, Bau85, BP79, BNS89, BP94, Bha07, Bow62a, Bow62b, Bro58, BS95, Cha93, Cul66, Cul72, Cul90, FJ11, Fie75, Fie86, Fin60, Fin66, Fin78, Fin11, Gan59a, Gan59b, Gan59c, Gan05, GLR83, GLR06, Gra69, Gra83, Hig08, Hou64, Hou75, Hou06, Lan69, LT85, Mac33, Mac46, Mac04, Min88, New72, Per52, Per91, PR71a, PR71b, Sen73b, Sen73a, Sen81, Sen06, Ser02, Sta69, ST68, Tan07a, TA32, Tur50, TA52, TA61, TA05, Wed34, Wed64, Wed05, WM67, GK60, Zur61, Zur64, ZF84, ZF86]. **Matrix** [BS70a, BS70b, Bar79, BL88, Bel70, Ber09, Bha87, Bha97, BR91, Don74, Fra68, Fra00, GLR82, GV96, Gra81, HJ85, HJ91, HJ12, Kel71, MM64, MM92, OCV11, Ort87, Rog80, Ste73, SS90, Var00, Zha02, Zha11, And87, Bar15]. **Matrizen** [Ait69, Zur50, Zur58, Zur61, Zur64, ZF84, ZF86]. **mechanical** [GK60]. **mechanischer** [GK60]. **Melbourne** [Bar15]. **Methoden** [CH24, CH37, CH42, CH68a, CH68b, ZF86]. **Methods** [Ano60, BS70a, BS70b, Bar79, Bar90, CH53, CH89, Cou89, FF63, Fad59, Tan07a, Tan07b, Tan07c, ZF86, CH24, CH37, CH42, CH68a, CH68b]. **Models** [Bap93]. **Monotone** [Don74]. **Multilinear** [Gre67, Gre78, Mar73, Mar75].

**Negative** [Sen73b, Sen73a, Sen81, Sen06]. **Non** [Sen73b, Sen73a, Sen81, Sen06]. **Non-Negative** [Sen73b, Sen73a, Sen81, Sen06]. **Nonnegative** [BR97, BP79, BNS89, BP94, FJ11, Min88]. **Nonselfadjoint** [GK69]. **Normed** [BD71]. **Norms** [BL88]. **Notes** [WM67, Fan59]. **Numerical** [BD71, BD73, Fie86, Hou64, Hou72, Hou75, Hou06, Tod62, YG72, YG73, YG88a, YG88b, ZF86]. **Numerische** [ZF86].

**Operators** [Bau85, BD71, GK69, Kat66, Kat76, Kat84, Kat95]. **Order** [Mui23, Mui60a]. **Ordinary** [Tan07b]. **Oscillation** [GK60]. **Oszillationskerne** [GK60]. **Oszillationsmatrizen** [GK60]. **Ought** [Gol04].

**Part** [ZF84, ZF86]. **Partial** [Cou89, Tan07c]. **Perturbation** [Bau85, Bha87, Kat66, Kat76, Kat84, Kat95, SS90]. **Physicists** [ZF84, ZF86]. **Physics** [CH24, CH37, CH42, CH53, CH68a, CH68b, CH89, Cou89]. **Physik** [CH24, CH37, CH42, CH68a, CH68b]. **Physiker** [ZF84, ZF86]. **Polynomials** [Bar83, GLR82]. **Positive** [Bha07]. **Positivity** [Kar68]. **Presentation** [GL06]. **Press** [Bar15]. **Primer** [Boa60, Boa72, Boa81, Boa96]. **Principles** [Rud53, Rud64, Rud76]. **Problem** [GL06, Hal67, Hal82, Par80, Par98, Wil65, Wil88]. **Problems** [LH74, LH95, OCV11, Zha09]. **Products** [GLR83, Gra81]. **Properties** [Fie75].

**R** [And87, Bar15]. **Ranges** [BD71, BD73]. **Real** [Boa60, Boa72, Boa81, Boa96]. **Results** [Zha11]. **Review** [And87, Bar15]. **Right** [Axl96]. **Rings** [Jac43]. **Roger** [And87, Bar15]. **route** [Kön36].

**Scalar** [GLR83]. **Schur** [Zha05]. **Schwingungen** [GK60]. **Sciences** [Ano60, BP79, BP94]. **Scientists** [Bar79, Tan07a, Tan07b, Tan07c]. **Second** [Kap03, Ort87, Bar15]. **Sets** [Fan59, Lay82, Lay92, Lay07, Val64, Val76]. **Sign** [BS95]. **Sign-Solvable** [BS95]. **Simultaneous** [RR00]. **small** [GK60]. **Social** [Ano60]. **Solvable** [BS95]. **Solving** [LH74, LH95]. **Some** [Fie75]. **Sound** [Str78, Str96, Str45]. **Space** [Hal67, Hal82]. **Spaces** [BD71, Hal42, Hal58]. **Special** [Fie86]. **Spectral** [Fie75]. **Squares** [LH74, LH95]. **Stability** [BS70a, BS70b]. **Statistics** [Gra69, Gra83, PR71a, PR71b]. **Streckenkomplexe** [Kön36]. **Student** [Gol04]. **Students** [Zha09]. **Subspaces** [GLR06]. **Survey** [MM64, MM92, Tod62, YG72, YG73, YG88a, YG88b]. **Sylvester** [Par06]. **Symmetric** [Par80, Par98]. **Systematic** [GL06]. **Systeme** [GK60]. **Systems** [Bar83, BNS89, BS95, HS74, GK60].

**technical** [Zur61, Zur64]. **Techniques** [Zha11]. **technischen** [Zur61, Zur64]. **Teil** [ZF84, ZF86]. **Their** [BL88, Fan59, Fie86, Lay82, Lay92, Lay07, Zur61, Zur64, ZF84, ZF86]. **Theorie** [Kön36, Kön50, Kön54]. **Theory** [BS70a, BS70b, Bar75, BC85, Bau85, Ber09, Bro58, BR91, Fra68, Gan59a, Gan59b, Gan59c, Gan05, GK69, Hig08, Hou64, Hou75, Hou06, Jac43, Kat66, Kat76, Kat84, Kat95, Kel71, Kön90, Lan69, LT85, Mac33, Mac46, Mac04, MM64, MM92, MOA11, Mui23, Mui60a, Mui60b, Ort87, Per52, Per91, Sen73b, Sen73a, Ser02, SS90, Str78, Str96, Str45, TA32, Tur50, TA52, TA61, TA05, WM67, Zha11, Fra00, Kön36, Kön50, Kön54, MO79]. **Topics** [HJ91, Kel71, OCV11, WM67]. **Topologie** [Kön36]. **topology** [Kön36]. **Total** [Kar68]. **Totally** [FJ11]. **Transformations** [CM79, CM91, CM09, Cul66, Cul72, Cul90, Fin60, Fin66, Fin78, Fin11, Sta69]. **Transforms** [Tan07b]. **Treatise** [Mui60b]. **Triangularization** [RR00].

**Undergraduate** [C<sup>+</sup>02]. **unendlichen** [Kön36, Kön50, Kön54]. **University** [Bar15]. **Uses** [ZF84, ZF86].

**Variational** [Tan07c]. **Vector** [Hal42, Hal58, Tan07b]. **vibrations** [GK60]. **Victorian** [Cri06, Par06].

**Weaving** [OCV11]. **werke** [HS96]. **Weyr** [OCV11]. **Wielandt** [HS96]. **Works** [HS96]. **World** [Par06].

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